Note:
This summary was last updated on
September 17, 2025
For current information, follow this link:
PSC Docket Case #9780

Clyde Young Road Solar Project
12208 Clyde Young Road
Woodsboro, Maryland 21798
(Frederick County)
PSC Case #9780

Note:
This summary is based on information provided in the CPCN Application filed with the PSC on **February 12, 2025 and supplemental filings on March 10, 2025, April 30, 2025, June 13, 2025, and September 2, 2025** all of which are subject to change and has not yet been fully reviewed by PPRP.

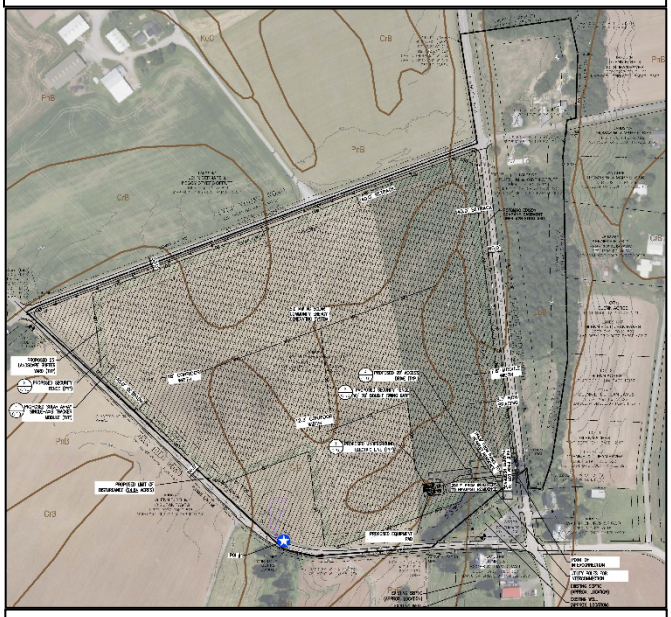
CPCN Timeline

CPCN Application filed on February 12, 2025
Applicant's Filed Direct Testimony Due: June 18, 2025
1st Public Hearing (Virtual): June 23, 2025
Intervenors' Direct Testimony Due: September 30, 2025
2nd Public Hearing: October 14, 2025
Status Update: November 5, 2025
PSC Evidentiary Hearing (if no contested issues): November 17, 2025

Project Location:

Clyde Young Road Solar Project (Project) will be located on a portion of a larger property totaling approximately 36.560 acres in Woodsboro, Maryland (Figure 1). Google Map Link. Per the Applicant, the approximate limit of disturbance (LOD) for the Project will be 24.64 acres.

Figure 1. Project Location



Source: Clyde Young Road Solar 1, LLC CPCN Application, Supplemental Direct Testimony Attachment A (ML 322005)

Project Overview:

Clyde Young Road Solar 1, LLC (Applicant) has applied for a CPCN to construct a 5.0 megawatt (MW) alternating current (AC) solar array in Frederick County.

Project components include:

- Approximately 12,824 photovoltaic (PV) solar modules ground-mounted on single-axis tracking rack systems.
- Interconnection equipment: connection to an existing 12.47kV line located off Legore Bridge Road;
- 20 string inverters and one equipment pad.

Site Description

The parcel that comprises the Project site mainly consists of agricultural land. Approximately 57.2% of the LOD is considered prime farmland. Adjacent and surrounding land uses include residential structures, agricultural lands, and Broad Run, a tributary to the Monocacy River. The Applicant's Environmental Review Document (ERD) notes that the Project site is located in the agricultural/rural zoning district of Frederick County. Frederick County's zoning ordinance regarding community energy generating system solar facilities requires the solar facility not to exceed 5.0 MW and classifies community solar as an accessory use that requires an Accessory Use permit and Zoning Certificate. Frederick County's initial review of the Project determined there was no principal use on the site, therefore, the Project did not meet the definition of an accessory use and did not meet the zoning ordinance.

This Project is a Community Solar Energy Generating System and will deliver all its output to Maryland residents via the Potomac Edison Company (PE) electric distribution grid. The Applicant applied to the PSC for authorization to participate in Maryland's Community Solar Program and was assigned Subscriber Organization Identification Number 23A3064890006666 on February 13, 2024.

MARYLAND DEPARTMENT OF NATURAL RESOURCES

Impact Assessment Highlights

Biological

- The Applicant's conceptual site plan indicates the Project does not contain forest stands and specimen trees. The Applicant states that wetlands have been identified within the Project site and the wetlands will be buffered a minimum of 25-feet and not disturbed.
- The Applicant's ERD states that Broad Run, a tributary to the Scenic Monocacy River, is located on the overall property. The Project is located within the Upper Monocacy Watershed and does not propose any disturbance within the stream setback.
- The Applicant's ERD also states the Project is not within a Tier II catchment area.
- The Applicant contacted the Maryland Department of Natural Resources (DNR) and in a letter dated November 21, 2023, DNR determined they have no official records for State or Federal listed, candidate, proposed, or rare plant or animal species within the Project area.
- The Applicant's October 18, 2023, U.S. Fish and Wildlife Service (USFWS) IPaC results states the Project property could include habitat to support the endangered Northern Long-eared Bat (*Myotis septentrionalis*) and the then candidate species Monarch Butterfly (*Danaus plexippus*).
- The Applicant's conceptual site plan indicates that 0.23-acre of the Project will consist of impervious areas.
- No tree clearing is proposed for the Project.
- The Applicant's ERD states that the seed mix for the Project will include species eligible for a pollinator-friendly designation. The Applicant's ERD also states the Project will not incorporate agrivoltaics.

Noise Impacts

- The Applicant's ERD provides a conservative evaluation of the noise emissions generated by equipment and construction during daytime hours. The Applicant states the nearest noise receptors are located 1,200 feet (ft) and 180 ft away from the equipment pads. The solar facility will be in a nonoperational status during nighttime hours. At fifty (50)-ft, the Project will produce less than 90 decibels (dB) of noise during construction. With a buffer and a distance of at least forty (40)-ft, 65 dB of noise during operation for daytime hours.

Visual Impacts

- The Applicant intends to plant a 25-ft wide vegetative buffer along the entire perimeter of the Project.
- The Applicant proposes to install a 7-ft security fence along the perimeter of the Project.
- The Applicant consulted the Federal Aviation Administration (FAA) Notice Criteria Tool, which confirmed that this Project would not exceed the notice criteria.
- The Applicant consulted the Maryland Aviation Administration (MAA) who determined that the Project location is not located near any major airports and is not an obstruction or hazard to air navigation.

Cultural Resource Impacts

- The Maryland Historical Trust (MHT) evaluated the Project and determined the Project will have no adverse effect on historic properties.

Public Safety and Transportation

- The Applicant states that the entrance to the Project site will be from Legore Bridge Road.
- The Applicant's ERD indicates that daily construction traffic will consist of tractor trailers, construction equipment cars, pickup trucks, and other personnel vehicles.
- The Applicant's ERD also indicates that site design will allow emergency vehicles sufficient access to electrical equipment.

Economic and Fiscal

- The Applicant estimates the Project will generate 57 jobs during the construction phase. Following construction, the Project will create three jobs over the first five years following its completion.
- The Applicant estimates that they expect to pay approximately $3 million in property taxes to Frederick County over the lifetime of the Project.

Greenhouse Gas Emissions Avoided

- The Applicant indicates that the Project will displace approximately 8,750 tons of carbon dioxide (CO_2) per year, resulting in an approximate displacement of 350,000 CO_2 emissions over the life of the Project.